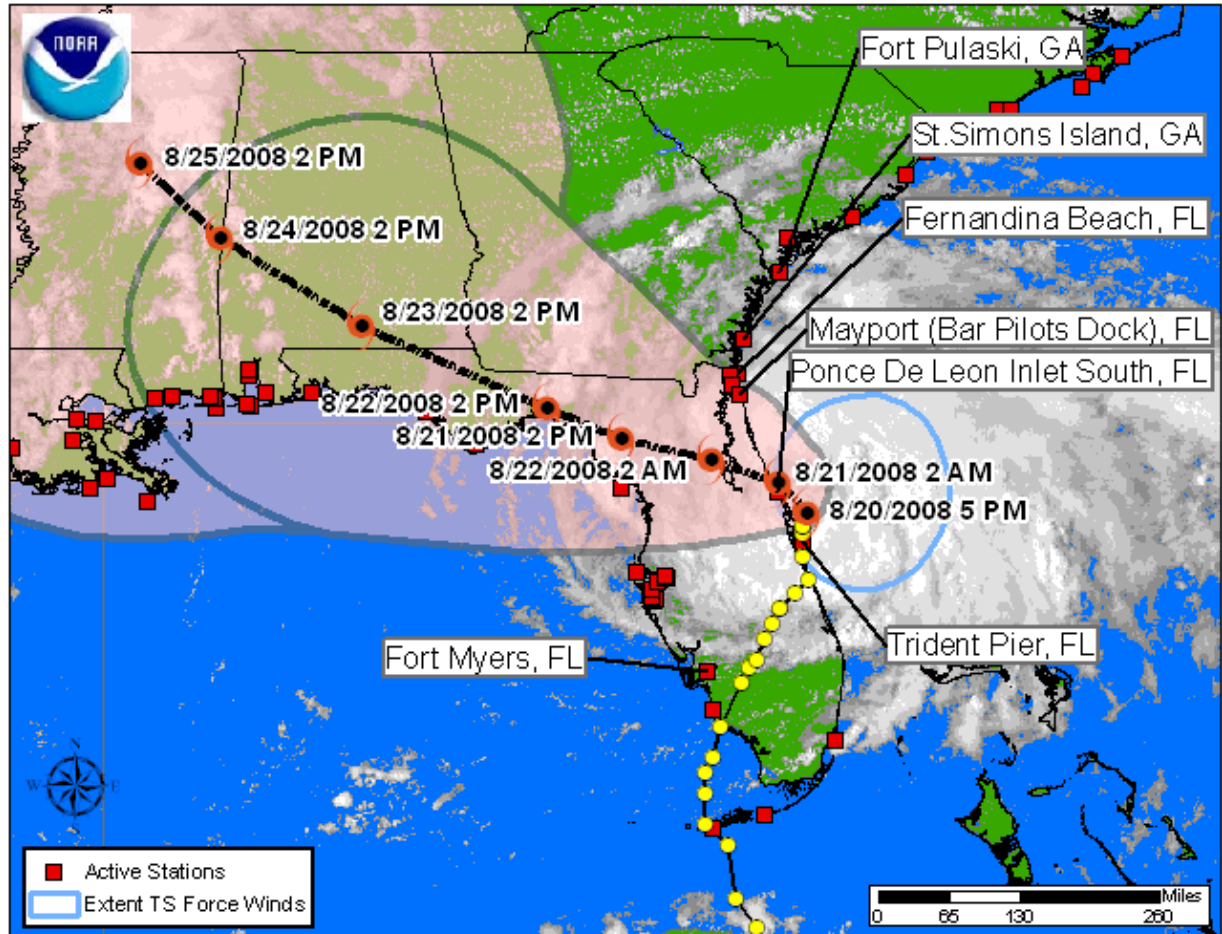




Tropical Storm FAY QuickLook
Posted: 18:00 EDT 08/20/2008

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 08/20/2008 18:00 EDT, water levels from north-eastern Florida to Georgia are elevated between 1 to 2 feet above predicted. Water levels at Fort Myers remain elevated by 1 foot. Barometric pressure is falling in north-eastern Florida and is returning to normal in southern Florida. Wind gusts up to 31 knots are being observed at Fort Pulaski with gusts up to 25kts.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Ponce De Leon Inlet South, FL: Next predicted high tide is 3.10 ft (0.94 m) at 08/20/2008 23.48 EDT.

Mayport Bar Pilots, FL: Next predicted high tide is 4.80 ft (1.46 m) at 08/20/2008 23:56 EDT.

Fernandina Beach, FL: Next predicted high tide is 6.30 ft (1.92 m) at 08/21/2008 00:16 EDT.

St. Simons Island, GA: Next predicted high tide is 6.99 ft (2.13 m) at 08/20/2008 23:33 EDT.

Fort Pulaski, GA: Next predicted high tide is 7.20 ft (2.19 m) at 08/20/2008 23:25 EDT.

Trident Pier, FL: Next predicted high tide is 3.80 ft (1.16 m) at 08/20/2008 23:08 EDT.

Fort Myers, FL: Next predicted high tide is 1.30 ft (0.40 m) at 08/20/2008 19:04 EDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services website](#). For more information or archived products and reports, please see the [Storm QuickLook Homepage](#).

Analyst: CM

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM FAY ADVISORY NUMBER 21

500 PM EDT WED AUG 20 2008

...WET FAY SOAKING PORTIONS OF EAST-CENTRAL FLORIDA...MORE RAIN TO COME...

A TROPICAL STORM WARNING REMAINS IN EFFECT FROM FORT PIERCE NORTHWARD TO ALTAMAHA SOUND GEORGIA.

A TROPICAL STORM WATCH REMAINS IN EFFECT FROM NORTH OF ALTAMAHA SOUND TO THE SAVANNAH RIVER.

AT 500 PM EDT THE CENTER OF TROPICAL STORM FAY WAS LOCATED NEAR LATITUDE 28.8 NORTH, LONGITUDE 80.5 WEST ABOUT 30 MILES NORTH-NORTHEAST OF CAPE CANAVERAL FLORIDA.

FAY IS MOVING TOWARD THE NORTH NEAR 2 MPH. THIS GENERAL MOTION IS EXPECTED TONIGHT WITH A GRADUAL TURN TO THE NORTHWEST AND WEST-NORTHWEST ON THURSDAY. ON THIS TRACK FAY IS FORECAST TO MOVE VERY SLOWLY ACROSS NORTHERN FLORIDA ON THURSDAY.

MAXIMUM SUSTAINED WINDS ARE NEAR 50 MPH WITH HIGHER GUSTS. NO SIGNIFICANT CHANGE IN STRENGTH IS ANTICIPATED BEFORE FAY MOVES OVER LAND.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 140 MILES PRIMARILY TO THE EAST OF THE CENTER.

ESTIMATED MINIMUM CENTRAL PRESSURE IS 997 MB.

FAY IS EXPECTED TO PRODUCE ADDITIONAL RAINFALL ACCUMULATIONS OF 5 TO 10 INCHES OVER EAST-CENTRAL AND NORTHEASTERN FLORIDA WITH 3 TO 6 INCHES OVER SOUTHEASTERN GEORGIA. ISOLATED STORM TOTAL AMOUNTS OF 30 INCHES ARE

POSSIBLE IN FLORIDA.

STORM TIDES OF 1 TO 3 FEET ABOVE NORMAL ARE POSSIBLE ALONG THE EAST COAST OF FLORIDA TO THE NORTH OF THE CENTER OF FAY.

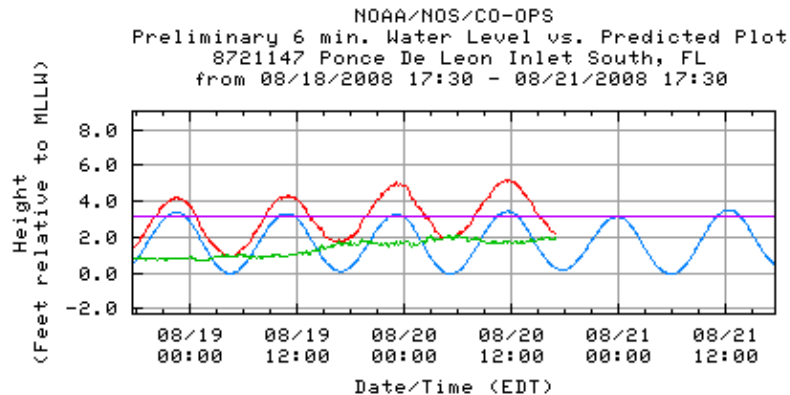
ISOLATED TORNADOES ARE POSSIBLE OVER PORTIONS OF NORTHEASTERN FLORIDA AND SOUTHEAST GEORGIA.

FORECASTER AVILA

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Ponce De Leon Inlet South - Water Level](#), [Mayport \(Bar Pilots Dock\) - Water Level](#), [Fernandina Beach - Water Level](#), [Fernandina Beach - Winds](#), [Fernandina Beach - Air/Water Temp](#), [Fernandina Beach - Barometric](#), [St.Simons Island - Water Level](#), [Fort Pulaski - Water Level](#), [Fort Pulaski - Winds](#), [Fort Pulaski - Air/Water Temp](#), [Fort Pulaski - Barometric](#), [Trident Pier - Water Level](#), [Trident Pier - Winds](#), [Trident Pier - Barometric](#), [Fort Myers - Water Level](#), [Fort Myers - Winds](#), [Fort Myers - Air/Water Temp](#), [Fort Myers - Barometric](#),

Ponce De Leon Inlet South, FL - Station Map [Return to List](#)

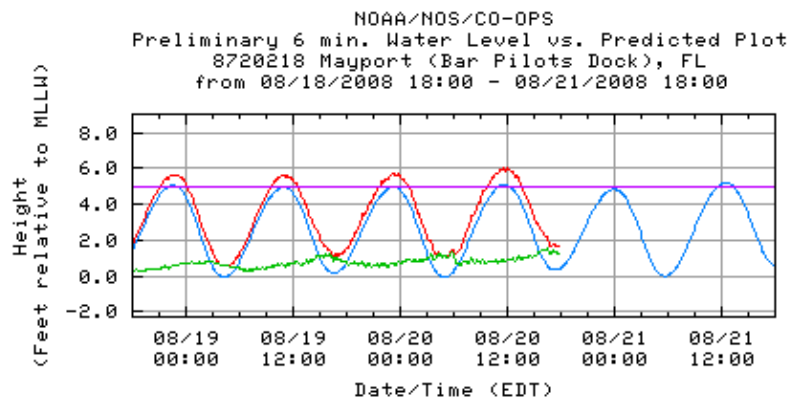


Last Observed Sample: 08/20/2008 16:54 (EDT)

Relative to **MLLW**: **Observed: 2.23 ft. Predicted: 0.29 ft. Residual: 1.94 ft.**

Historical Maximum Water Level: n/a

Mayport (Bar Pilots Dock), FL - Station Map [Return to List](#)

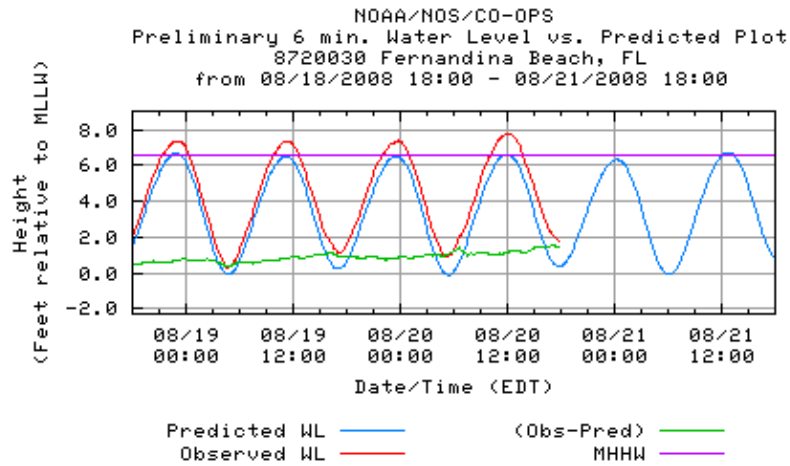


Last Observed Sample: 08/20/2008 17:42 (EDT)

Relative to **MLLW**: **Observed: 1.62 ft. Predicted: 0.37 ft. Residual: 1.25 ft.**

Historical Maximum Water Level: 09/17/2001, 2.15 ft. above **MHHW**

Fernandina Beach, FL - Station Map [Return to List](#)

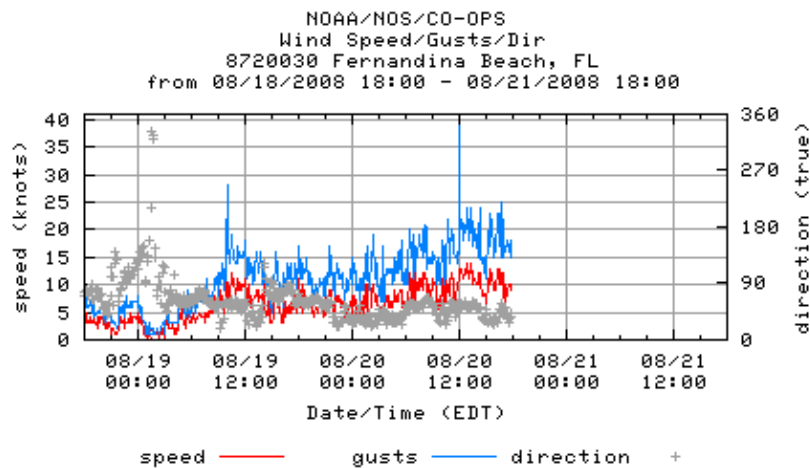


Last Observed Sample: 08/20/2008 17:48 (EDT)

Relative to **MLLW**: **Observed: 1.83 ft. Predicted: 0.36 ft. Residual: 1.47 ft.**

Historical Maximum Water Level: 10/02/1898, 6.94 ft. above **MHHW**

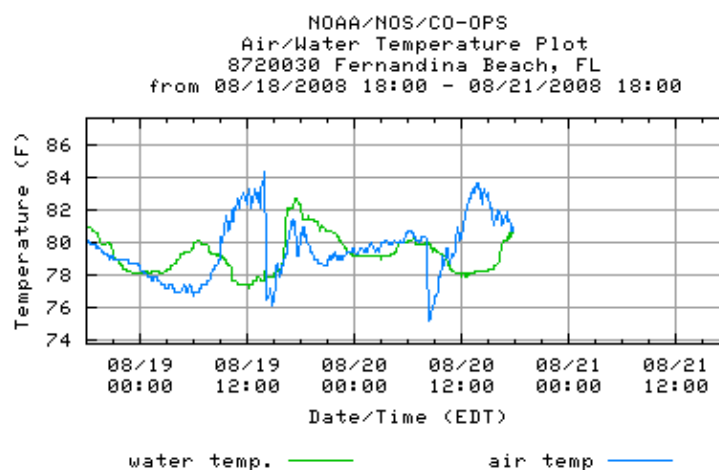
Fernandina Beach, FL - Station Map [Return to List](#)



Last Observed Sample: 08/20/2008 17:48 (EDT)

Wind Speed: 10 knots Gusts: 15 knots Direction: 043° T

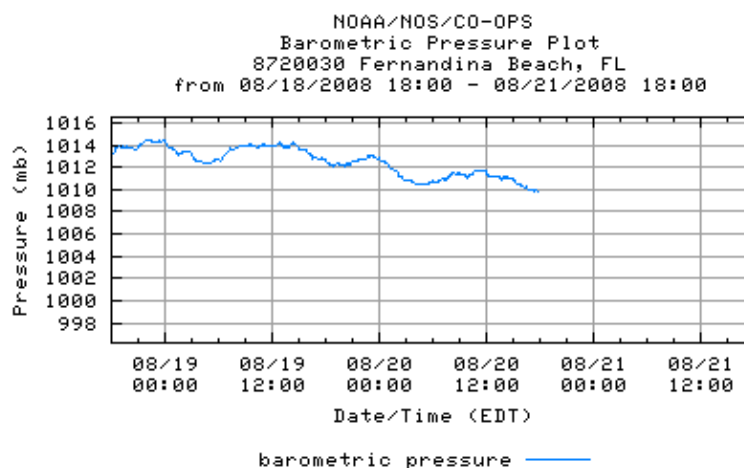
Fernandina Beach, FL - Station Map [Return to List](#)



Last Observed Sample: 08/20/2008 17:48 (EDT)

Water Temperature: 80.8° F Air Temperature: 81.0° F

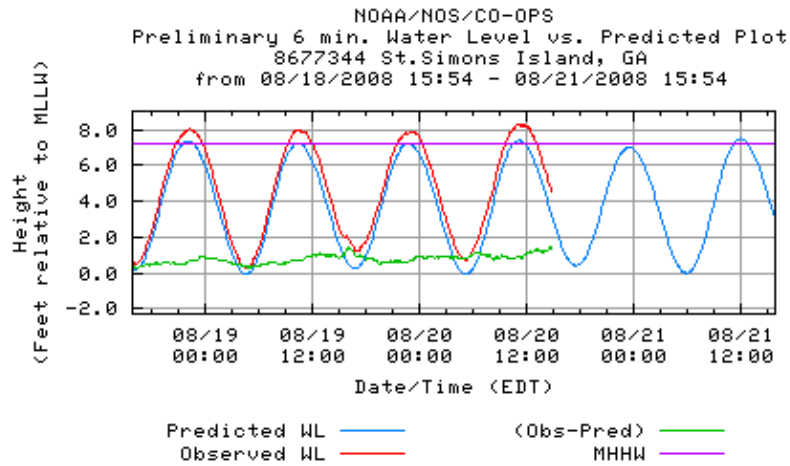
Fernandina Beach, FL - Station Map [Return to List](#)



Last Observed Sample: 08/20/2008 17:48 (EDT)

Barometric Pressure: 1009.8 mb

St.Simons Island, GA - Station Map [Return to List](#)

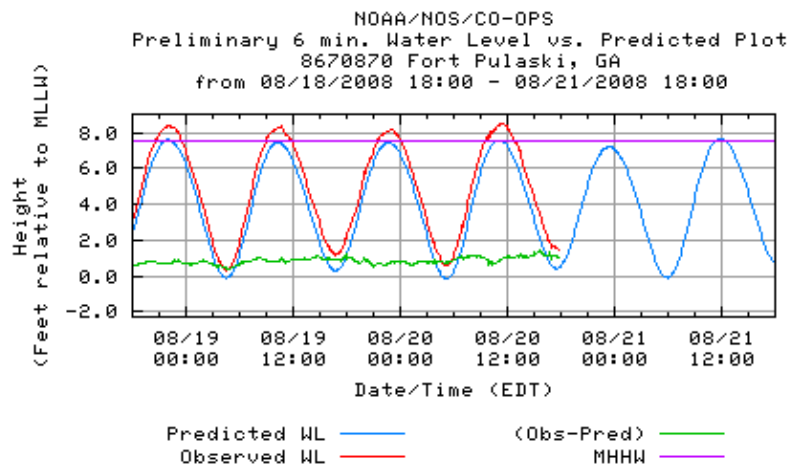


Last Observed Sample: 08/20/2008 14:54 (EDT)

Relative to **MLLW**: **Observed: 4.53 ft. Predicted: 3.13 ft. Residual: 1.40 ft.**

Historical Maximum Water Level: 07/22/2001, 2.41 ft. above **MHHW**

Fort Pulaski, GA - Station Map [Return to List](#)

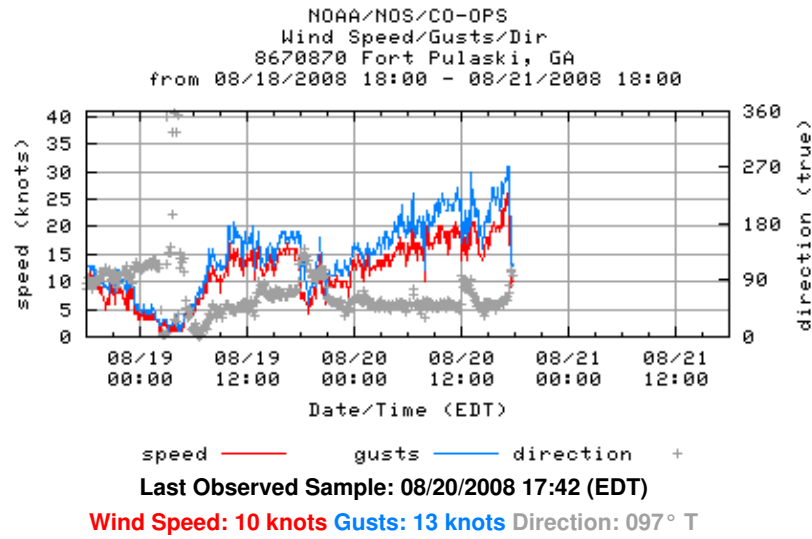


Last Observed Sample: 08/20/2008 17:42 (EDT)

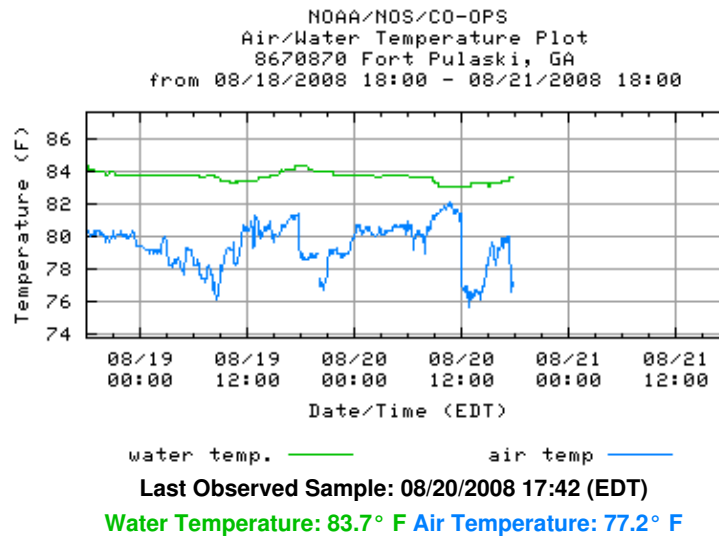
Relative to **MLLW**: **Observed: 1.43 ft. Predicted: 0.45 ft. Residual: 0.98 ft.**

Historical Maximum Water Level: 10/15/1947, 3.4 ft. above **MHHW**

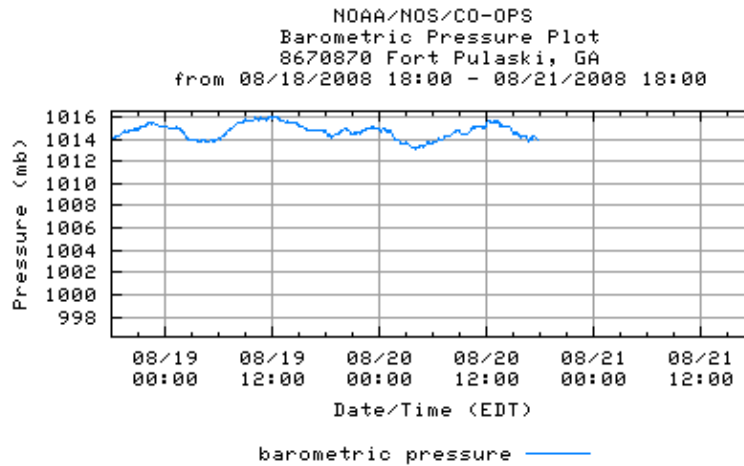
Fort Pulaski, GA - Station Map [Return to List](#)



Fort Pulaski, GA - Station Map [Return to List](#)



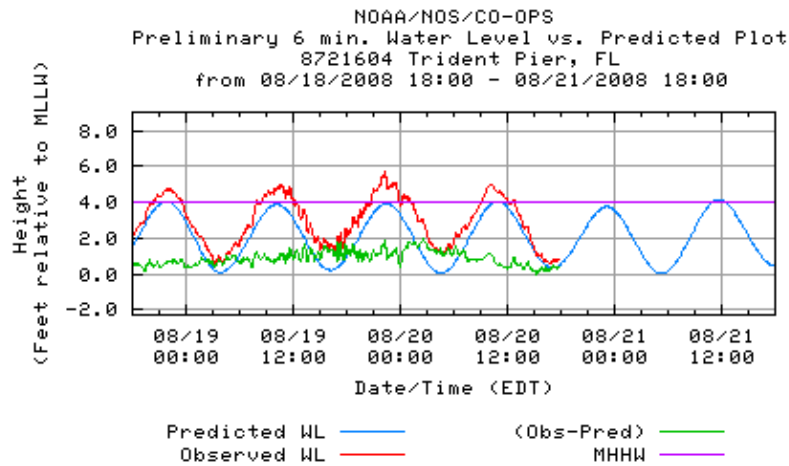
Fort Pulaski, GA - Station Map [Return to List](#)



Last Observed Sample: 08/20/2008 17:42 (EDT)

Barometric Pressure: 1014.0 mb

Trident Pier, FL - Station Map [Return to List](#)

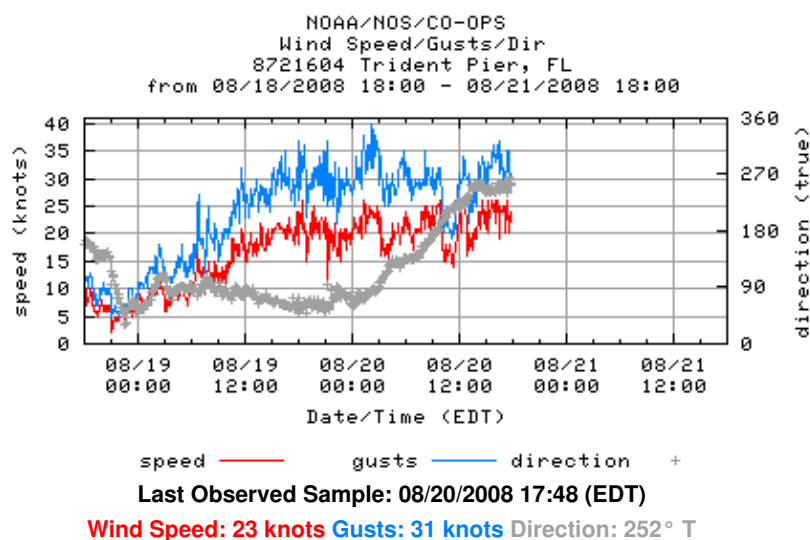


Last Observed Sample: 08/20/2008 17:48 (EDT)

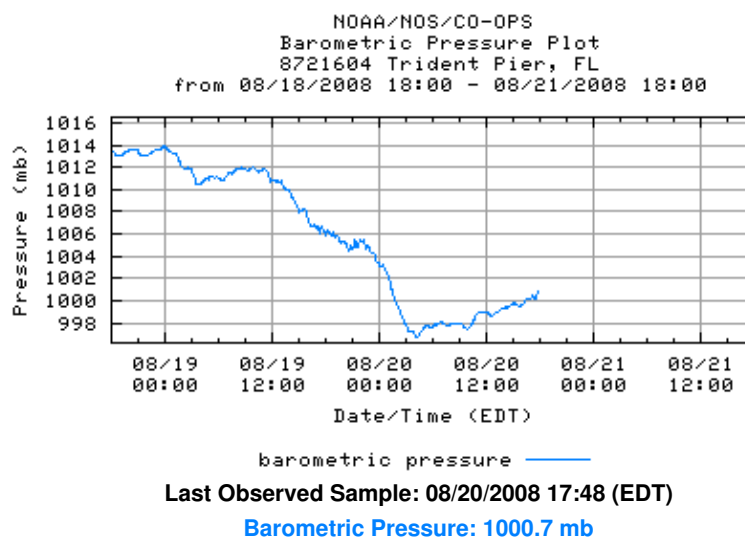
Relative to **MLLW**: Observed: 0.86 ft. Predicted: 0.49 ft. Residual: 0.37 ft.

Historical Maximum Water Level: 09/16/2001, 2.28 ft. above **MHHW**

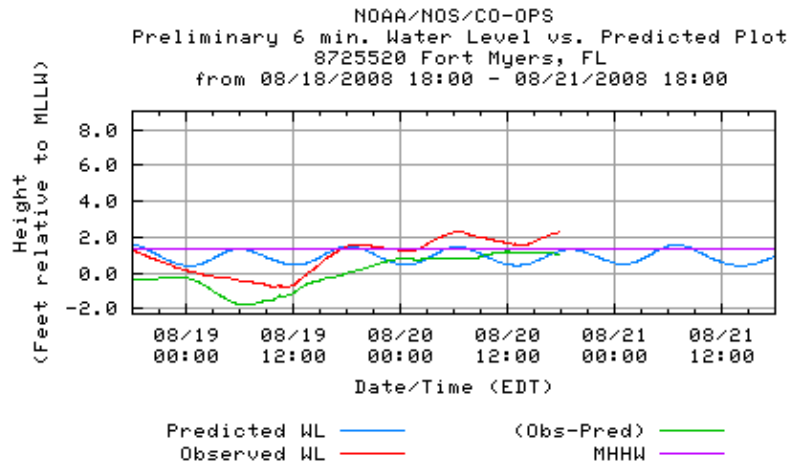
Trident Pier, FL - Station Map [Return to List](#)



Trident Pier, FL - Station Map [Return to List](#)



Fort Myers, FL - Station Map [Return to List](#)

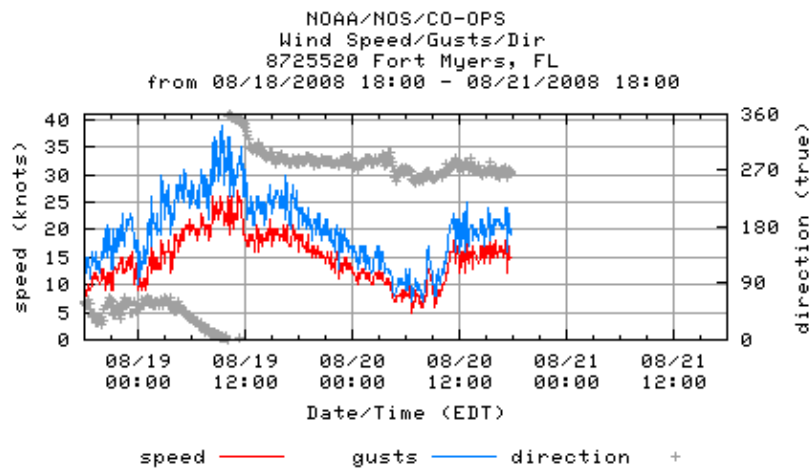


Last Observed Sample: 08/20/2008 17:48 (EDT)

Relative to **MLLW**: **Observed: 2.27 ft. Predicted: 1.22 ft. Residual: 1.05 ft.**

Historical Maximum Water Level: 11/23/1988, 3.41 ft. above **MHHW**

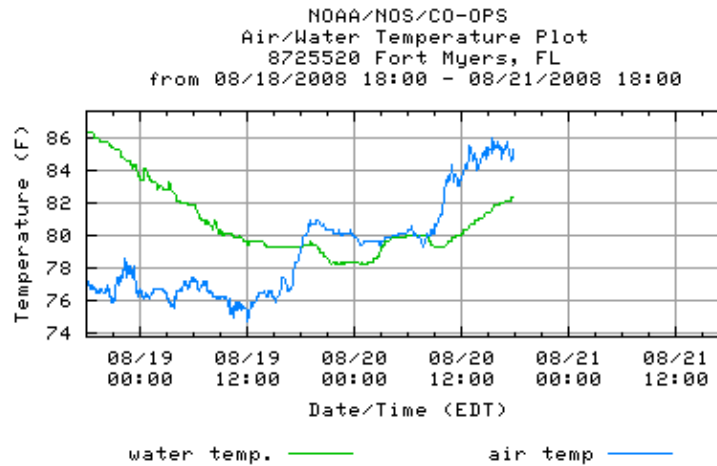
Fort Myers, FL - Station Map [Return to List](#)



Last Observed Sample: 08/20/2008 17:48 (EDT)

Wind Speed: 15 knots Gusts: 19 knots Direction: 269° T

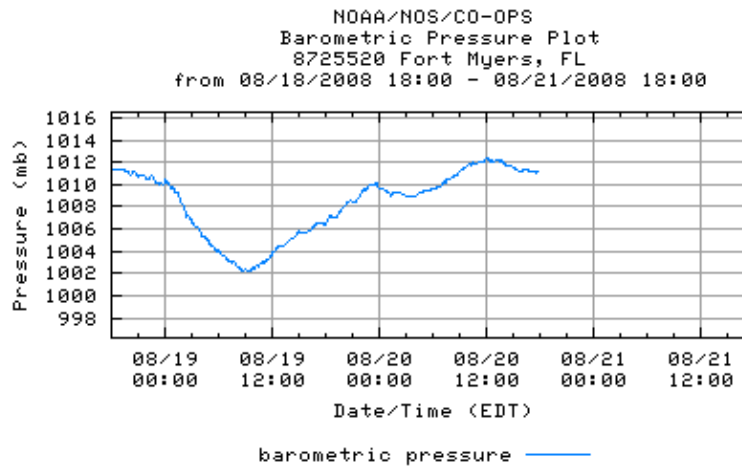
Fort Myers, FL - Station Map [Return to List](#)



Last Observed Sample: 08/20/2008 17:48 (EDT)

Water Temperature: 82.4° F Air Temperature: 85.3° F

Fort Myers, FL - Station Map [Return to List](#)



Last Observed Sample: 08/20/2008 17:48 (EDT)

Barometric Pressure: 1011.2 mb

Tropical Storm FAY QuickLook, POSTED 18:00 EDT 08/20/2008

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce